

EV 977738097 US

ABSTRACT OF THE DISCLOSURE

An apparatus for the removal of objects and other debris from cement that is pumped via a concrete pump includes a secondary screen that is pivotally attached at one end thereof to a concrete pump a predetermined distance above a grate that is disposed over a hopper, the screen having a smaller opening size than that of the grate. An opposite end of the screen is urged toward an opposite end of the hopper by a pair of elastomeric straps. A pair of upraised sides are included at a top and bottom of the screen, the screen having a planar member that is disposed at a steeper angle than is the grate. When cement is poured it first contacts and passes through the secondary screen which automatically descends and rises, thereby maximizing the flow rate of cement through the screen as the objects are removed from the mixture.